

*Stated Meeting, October 16, 1885.*

Present, 16 members.

Vice-President, Dr. RUSCHENBERGER, in the Chair.

Donations for the Library were received from the Mining Department, Melbourne; Geological Survey of India; Kongliga Vetenskaps Societeten, Upsala; Kongelige Nordiske Oldskrift Selskab, Copenhagen; Königlich Sächsische Gesellschaft der Wissenschaften, Leipzig; Kaiserliche-Königliche Geologische Reichsanstalt, Wien; Naturhistorische Gesellschaft, Nürnberg; Physikalisch-Ökonomische Gesellschaft, Königsberg; Naturhistorische Gesellschaft and Messrs. Oberlehrer L. Mejer and Fr. Reinhold of Hannover; Musée Royal d'Histoire Naturelle and Académie Royale des Sciences, &c., de Belgique; Institution Ethnographique and Prof. Leon de Rosny of Paris; Royal Asiatic Society of Great Britain and Ireland; the Royal Society, Forestry and Mr. William Blades of London; Rev. C. W. King of Cambridge, England; the Brooklyn Library and Mr. J. B. Smith, Editor of *Entomologica Americana*; College of Pharmacy, Prof. E. D. Cope and Messrs. Henry Phillips, Jr., and E. A. Gieseler of Philadelphia; the United States National Museum, Dr. A. S. Gatschet and Mr. J. H. Hickey, publisher, of Washington; Mr. Charles C. Jones, Jr., of Augusta; Chicago Historical Society; Rev. Stephen D. Peet; State Historical Society, Iowa, and the State Historical Society of Wisconsin.

Letters of envoy were read from the K. Sächsische Gesellschaft, Leipzig; Naturhist. Gesellschaft zu Hannover; Société Royale des Sciences à Upsal; Meteorological Office, London, U. S. Naval Observatory, Washington, D. C.; Elliott Society of Science, Charleston, S. C.

Letters of Acknowledgment were read from K. K. Central Anstalt für Meteorologie und Erdmagnetismus, Vienna (117, 118, 119); Naturforschende Gesellschaft, Emden (117, 118, 119); Société Royale des Sciences, Upsal (113, 114, 115, 116 and Register); R. Accademia dei Lincei, Rome (116 and Register), and requesting certain old numbers of Proceedings and Transactions (Procs. I—VI, XII, Trans. O. S., I—IV, N. S.

I—XI, XIII); \* Chemical Society of London (117, 118, 119); Geological Survey of India (117, 118, 119); Kon. Zoolog. Genootschaf, Amsterdam (117, 118, 119); Société Hollandaise des Sciences, Harlem (117, 118, 119); Fondation de P. Teyler van der Hulst, Harlem (116); Horatio Hale, Clinton, Ontario (119); Geological Survey of Canada, Ottawa (116, 119); Numismatic and Antiquarian Society of Philadelphia; University of the City of New York (N. Y.); American Antiquarian Society, Worcester (Mass.); New York Hospital (N. Y.); Yale College Library (New Haven, Conn.); Essex Institute (Salem, Mass.); U. S. Military Academy (West Point, N. Y.); Wyoming Historical and Geological Society (Wilkes-Barre, Pa.); Cincinnati (Ohio) Observatory; Leander McCormick Observatory (University of Virginia); University of Toronto (Canada); Vassar Brothers Institute (Poughkeepsie, N. Y.); Boston Athenæum; Cornell University Library (Ithaca, N. Y.); University of California; Surgeon-General, U. S. A. (Washington, D. C.); Public Library (Boston Mass.); California Academy of Sciences (San Francisco, Cal.); Museum of Comparative Zoölogy (Cambridge, Mass.); Pennsylvania, Connecticut, Virginia, Georgia, Wisconsin, New Hampshire, New Jersey, Chicago (and all previous numbers), Maryland, and Kansas State Historical Societies; Prof. John J. Stevenson, New York (N. Y.); Prof. J. W. Moore, Easton (Pa.); Prof. J. M. Hart, Cincinnati (Ohio); Henry Phillips, Jr. (Philadelphia); J. H. C. Coffin (Washington, D. C.).

Mr. William Morris Davis presented to the Cabinet ten French bronze Medals, of which he furnished the following description :

#### MEDALS.

- No. 1. The dead Napoleon. Reverse, the Arch of reception at Rouen, and draped steamer. Struck in 1840 in commemoration of the removal of Napoleon's remains from St. Helena, and restoration to France.
- No. 2. Napoleon le Grand. Reverse, arch of triumph, motto, "A l'Armée Française."
- No. 3. Ferdinand Philippe Louis, Duc d'Orleans. Obverse, commemorative, "Chapelle Saint Ferdinand.
- No. 4. Marie d' Orleans. Obverse, "Statue de Jeanne d'Arc."

\* Referred to Secretaries with power to act.

- No. 5. "Cathedrale de Paris." Reverse, "ground plan with details of dimensions," &c.
- No. 6. Liberty enlightening Justice, with Despotism prostrated. Motto, "Revolution de 1848." Reverse, "Gouvernement Provisoire," with names of the ministers, &c.
- No. 7. Head emblematic, surrounded with heavy wreath of oak and laurel. Motto, "Republique Francaise." Reverse, three figures, "Liberté, Egalité, Fraternité, 24 Fevrier, 1848."
- No. 8. A figure of Liberty, looking back, hand supporting a tablet, inscribed, "Droit de l' Homme et du Citoyen." Motto, "Republique Francaise." Reverse, arraignment of royal government, and sustaining the three revolutions, 1789, 1830 and 1848.
- No. 9. The three heads of Adam Mickiewicz, Jules Michelet and Edgar Quinet. Reverse, motto, "Ut omnes unum sint," "La France et les auditeurs du college de France, 1844, 1845."
- No. 10. Head of Pierre Jean de Beranger. Reverse, is remarkable for its fine lettering of the titles of songs of Beranger. The design is an antique harp, surrounded by rays as from a sun; alternating with the rays is the following list (enclosed in a circle of two inches):
- |                               |                                    |
|-------------------------------|------------------------------------|
| 1. Adieu Chansons.            | 18. Les Hirondelles.               |
| 2. Le Roi d'Yvetot.           | 19. Les esclaves Gaulois.          |
| 3. Maudit Printems.           | 20. Brennus.                       |
| 4. Le Vieux Drapeau.          | 21. Les tombeaux de Juillet.       |
| 5. Vieux habits vieux galons. | 22. Les Bohemiens.                 |
| 6. Louis XI.                  | 23. Le Marquis des Carabas.        |
| 7. Prediction de Nostradamus. | 24. La Vivandiere.                 |
| 8. La bonne vieille.          | 25. Les Souvenirs du peuple.       |
| 9. Le Dieu des bonnes gens.   | 26. Les Vendanges.                 |
| 10. Le Juif errant.           | 27. A mès amis devenues Ministres. |
| 11. Les etoiles que filent.   | 28. Les Gueux.                     |
| 12. Le Senateur.              | 29. Les deux sœurs de charite.     |
| 13. Les enfans de la France.  | 30. Le Champ D'asile.              |
| 14. Le Grenier.               | 31. Les Contrabandiers.            |
| 15. Le tailleur et la fée.    | 32. Roger Bontemps.                |
| 16. L'échelle de Jacob.       | [in all 487 letters].              |
| 17. L'aveugle de Bagnolet.    |                                    |

The death of James McFarlane, Towanda, Pa., October 12, 1885 (born Sep. 2, 1819), was announced and on motion the President was authorized to appoint at his discretion a suitable person to prepare an obituary notice.

Prof. Cope presented for the Transactions a paper "On the Species of *Iguaninae*," which was referred to Messrs. Koenig, Horn, and Harrison Allen.\*

\* Reported on favorably, Nov. 20, 1885.

Prof. Cope presented for the Proceedings the following papers:

1. On the Structure and Affinities of three Species of Fishes from the Eocene of Wyoming Territory.\*

2. Report on the Coal deposits near Zacualtipan, Hidalgo, Mexico.

3. On the Structure of the Brain and Auditory Apparatus of a Theromorphous Reptile, for which a plate was desired.

Prof. Houston presented his views on the origin of earthquakes as shown by the late great explosion of dynamite (285,000 lbs.), at Flood Rock, Hell Gate, upon which a discussion ensued, participated in by Messrs. Davis, Koenig, and Cope.

This being the stated evening for balloting for candidates, the following gentlemen were declared duly elected members of the Society:

1049. William John Potts, Camden, N. J.

1050. Prof. Scheele de Vere, University of Virginia.

1051. Prof. Edwin North, Hamilton College, Clinton, N. Y.

1052. W. J. A. Bonwill, M. D., 1721 Locust St., Philadelphia.

1053. Thos. M. Cleemann, C. E., 2125 Spruce St., Philadelphia.

1054. Horace Jayne, M. D., 1836 Chestnut Street, Philadelphia.

1055. Dr. Hermann Rollett, Stadt-Archivär, Baden bei Wien.

1056. Tommaso Cannizzaro, Messina, Italy.

1057. Everard F. im Thurn, M. A., Pomeroon river, Georgetown, British Guiana.

1058. Prof. John Pomialowsky, Secretary of La Société'ée Imperiale d'Archeologie Russe, St Petersburg.

1059. Dr. Ernest Haeckel, Jena.

1060. Prof. Dr. Josef von Lenhossek, Buda Pesth, Hungary.

1061. Prof. Louis Pasteur, Paris.

1062. Prof. Giuseppe Sergi, Università Roma, Rome, Italy.

1063. Prof. Dr. Leopold von Ranke, Berlin.

Nominations Nos. 1064, 1065, 1066, were read, and the meeting was adjourned by the presiding officer.

\* Withdrawn by consent, Nov 6, 1885.